AMENDMENTS TO THE CLAIMS

1. (currently amended) A cytotherapeutic unit suitable for treatment of a patient in need of hematopoietic cells comprising at least about one hundred CD34+ cells or at least about one hundred CD8+ cells within a plurality of potent cells; the contents of said unit being known with respect to the identities and numbers of at least some of said plurality; the unit being assayed to ensure the accuracy of said identities and numbers; and the unit comprising cells from a plurality of sources, wherein one source of said plurality of sources is fetal cord blood, fetal tissue, ~~a placenta,~~ a postpartum placenta, or postpartum placenta perfusate.

2. (original) The cytotherapeutic unit of claim 1 wherein the accuracy of the assay is certified by the provider of the unit.

3. (original) The cytotherapeutic unit of claim 1 wherein the potent cells for which the identities and numbers are known are pluripotent cells.

4. (original) The cytotherapeutic unit of claim 1 wherein said identities reflect the presence or absence of at least one antigenic determinant on identified cells.

5. (previously amended) The cytotherapeutic unit of claim 1 wherein said unit comprises potent cells obtained from fetal cord blood or fetal tissue.

6. (previously amended) The cytotherapeutic unit of claim 1 wherein said unit comprises potent cells obtained from fetal cord blood.

7. (cancelled)

8. (previously amended) The cytotherapeutic unit of claim 1 wherein at least some of said potent cells are obtained from a postpartum placenta.

9. (previously amended) The cytotherapeutic unit of claim 1 wherein at least some of said potent cells are obtained from postpartum placenta perfusate.

10-11. (cancelled)

12. (previously amended) The cytotherapeutic unit of claim 1 wherein said potent cells are obtained from at least two individuals.

13. (previously amended) The cytotherapeutic unit of claim 1 wherein said potent cells are obtained from at least five individuals.

14. (cancelled)

15. (original) The cytotherapeutic unit of claim 1 wherein at least one type of cell is excluded from the unit.

16. (original) The cytotherapeutic unit of claim 1 wherein the plurality of potent cells is selected to render the cytotherapeutic unit suitable for therapy for an indicated disease state or condition.

17. (original) The cytotherapeutic unit of claim 16 wherein at least one type of cell is excluded from the unit.

18. (currently amended) A cytotherapeutic unit suitable for treatment of a patient in need of hematopoietic cells comprising at least two preselected types of potent cells, said unit comprising cells from a plurality of sources, wherein one source of said plurality of sources is fetal cord blood, fetal tissue, ~~a placenta,~~ a postpartum placenta, or postpartum placenta perfusate and wherein at least about one hundred cells ~~is~~ are CD34+ or at least about one hundred cells ~~is~~ are CD8+.

19. (cancelled)

20. (previously amended) The cytotherapeutic unit of claim 18, distributed with a certification of the contents of said cytotherapeutic unit.

21. (previously amended) The cytotherapeutic unit of claim 20 wherein said

certification comprises an indication of cells excluded from said cytotherapeutic unit.

22. (previously amended) The cytotherapeutic unit of claim 20 wherein said certification comprises an indication of cells absent from said cytotherapeutic unit.

23. (previously amended) The cytotherapeutic unit of claim 20, wherein said certification indicates how the presence, absence, and/or exclusion of certain cell types render or renders the cytotherapeutic unit suitable for therapy for an indicated disease state or condition.

24-30. (cancelled)

31. (currently amended) A cytotherapeutic unit suitable for treatment of a patient in need of hematopoietic cells comprising (a) cells obtained from umbilical cord blood and (b) cells obtained from a postpartum placenta, wherein at least one type of cell has been removed from the unit, and wherein at least about one hundred cells remaining in the unit ~~is~~ are CD34+ or at least about one hundred cells remaining in the unit ~~is~~ are CD8+.

32. (previously amended) The cytotherapeutic unit of claim 31 wherein a plurality of cell types has been removed from the unit.

33. (cancelled)

34. (currently amended) A cytotherapeutic unit suitable for treatment of a patient in need of hematopoietic cells comprising (a) cells obtained from umbilical cord blood or (b) cells obtained from a postpartum placenta or (c) a mixture of cells obtained from umbilical cord blood and cells obtained from a postpartum placenta, said cells comprising a plurality of different types, at least one of the different types having been obtained from a source that differs from a source of another type and wherein at least about one hundred cells ~~is~~ are CD34+ or at least about one hundred cells ~~is~~ are CD8+.

35. (previously amended) The cytotherapeutic unit of claim 34, wherein at least one

of said types of cells has been frozen separately from another type of cells.

36. (original) The cytotherapeutic unit of claim 34, in a frozen state.

37. (previously amended) The cytotherapeutic unit of claim 34, wherein at least one of said cells has been characterized.

38-49. (cancelled)

50. (currently amended) A library of cytotherapeutic units suitable for treatment of a patient in need of hematopoietic cells, each unit member of said library comprising a plurality of potent cells; each of said units comprising cells from a plurality of sources, wherein one source of said plurality of sources is fetal cord blood, fetal tissue, ~~a placenta,~~ a postpartum placenta, or postpartum placenta perfusate; the content of each of said units being known with respect to the identities and numbers at least some of the plurality of potent cells comprising said unit; each of said units being assayed to ensure the accuracy of said identities and numbers; and each of said units comprising at least about one hundred CD34+ cells or at least about one hundred CD8+ cells.

51-53. (cancelled)